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WORK INJURIES IN MONTANA

7-1-69 - 6-30-70

SERVING MONTANA EMPLOYERS
& EMPLOYEES SINCE 1915

55th YEAR

MONTANA LEGISLATIVE COUNCIL
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December 7, 1970

Honorable Forrest H. Anderson
Governor of Montana

Dear Governor Anderson:

Pursuant to Section 92-842, Revised Codes of Montana, 1947, we are transmitting herewith the fifty-fifth annual report of the Industrial Accident Board.

Very truly yours,

/s/ J. J. Carden
Chairman

/s/ Jack C. Carver
Commissioner

/s/ Sidney T. Smith
Commissioner

ATTEST:

/s/ Margaret Condon
Secretary

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The activities of the Montana Industrial Accident Board during the 55th year are set forth in the following summary with the aid of statistical tables wherever it is felt necessary for the purpose of clarification.

Members of the Board are J. J. Carden, Chairman; Sidney T. Smith, Commissioner of Labor and Industry and ex-officio member of the Board; and Jack C. Carver, Director of the Division of Vocational Rehabilitation and ex-officio member of the Board.

The duties of the Industrial Accident Board are the administration of the Montana Workmen's Compensation Act, the administration of the Montana Occupational Disease Law, the administration of the Silicosis Benefit Program and the Volunteer Firemen's Compensation Act.

PLAN I

Table 1 reflects the experience of the self-insured employers enrolled under Plan I of the Workmen's Compensation Act during the 55th year.

Table 1

Plan I

COMPARATIVE SUMMARY OF ACTIVITY
54th Year - 55th Year

	1968 - 1969	1969 - 1970
Number of employers enrolled	65	64
Gross annual payroll	$137,708,162.74	$158,775,119.96
Number of work injuries reported	3,192	3,107
Number of claims filed	614	660
Occupational disease cases reported	3	2
Compensation benefits paid	$ 936,011.83	$ 832,490.81
Hospital, medical & burial benefits paid	$ 511,460.32	$ 534,533.14
Second injury fund contributions	-0-	-0-
Plan I administrative assessments	$ 39,432.84	$ 33,802.63

Plan II

Table 2 summarizes the experience of employers enrolled under Plan II of the Workmen's Compensation Act during the 55th year.

Table 2

Plan II

COMPARATIVE SUMMARY OF ACTIVITY
54th Year - 55th Year

	1968 - 1969	1969 - 1970
Number of employers enrolled	7,071	6,975
Gross annual premium	$ 5,506,550.77*[1]	$ 6,454,039.00*[2]
Number of work injuries reported	10,643	10,151
Number of claims filed	1,853	1,663
Occupational disease cases reported	66	1
Compensation benefits paid	$ 1,755,514.33	$ 1,774,217.68
Hospital, medical & burial benefits paid	$ 1,060,236.53	$ 1,115,422.31
Second injury fund contributions	$ 1,500.00	$ 1,000.00
Plan II administrative assessments	$ 147,253.79	$ 168,222.03

*[1] For calendar year 1968

*[2] For calendar year 1969

Plan III

Table 3 reflects the experience of employers enrolled under Plan III of the Workmen's Compensation Act during the 55th year.

Table 3

Plan III

COMPARATIVE SUMMARY OF ACTIVITY
54th Year - 55th Year

	1968 - 1969	1969 - 1970
Number of employers enrolled	8,031	8,051
Paid premium	$ 6,283,188.21	$ 6,755,890.58
Number of work injuries reported	9,360	9,218
Number of claims filed	2,005	1,732
Occupational disease cases reported	0	2
Compensation benefits paid	$ 3,453,954.65	$ 3,958,834.96
Hospital, medical & burial benefits paid	$ 1,336,818.09	$ 1,425,248.40
Second injury fund contributions	$ 2,500.00	$ 2,000.00
Plan III administration assessments	$ 421,438.84	$ 628,318.82

INDUSTRIAL ACCIDENT BOARD ADMINISTRATION ACCOUNT
INCOME AND DISBURSEMENTS

The Industrial Accident Board spent a total of $819,539.41 for the administration of the Workmen's Compensation Act during the 55th year of the Act's existence. This is an increase of $175,961.81 over the cost of the 54th year.

The cost of the administration of the Act is borne by the assessment of self-insured employers, insurance carriers, and the Industrial Insurance Fund.

Income for the Administrative Fund for the 55th year:

Plan I	$ 33,802.63
Plan II	168,222.03
Plan III	628,318.82
Boiler Inspection	30,647.05
Occupational Disease Filing Fee	2,280.00
Refunds	2,469.07
Adjustment	2.42
	$ 865,742.02
Balance - June 30, 1969	44,898.06
TOTAL	$ 910,640.08

Disbursements necessary to administer the Workmen's Compensation Act are charged to the Plan causing the disbursements. Disbursements by Plan for the 55th year were as follows:

Plan I	$ 44,227.50
Plan II	191,103.01
Plan III	552,879.81
Boiler Inspection	27,843.24
Occupational Disease	3,485.85
TOTAL	$ 819,539.41
Balance - June 30, 1970	$ 91,100.67

* * * * * *

Table 4

PROPORTIONATE COST OF OPERATING THE INDUSTRIAL ACCIDENT BOARD
(% by Plan)

Plan	Percentage
Plan I	5.43%
Plan II	23.31%
Plan III	67.46%
Boiler Inspection	3.39%
Occupational Disease	.42%
	100.00%
Increase in cost of 1969 fiscal year	27.34%

CLAIMS

The claims department processed 9,218 work injuries and 1,732 claims under Plan III during the 55th fiscal year. This is a decrease of 1.5% in work injuries reported and a 13.6% decrease in the number of claims filed.

HEARINGS AND ADJUDICATIONS

A total of 4,055 claims for lost time were filed during the past year. There was a total of 306 disputed claims under all three plans of coverage. The disputes involved disability in the large majority of these cases. The disputed cases were placed on the Board's docket and were disposed of either through formal hearings and/or agreed settlements.

The following table reflects the hearings activity by Plan for the past three years:

Table 5

DISPUTED CLAIMS BY PLAN

7-1-67 - 6-30-70

Plan	53rd Year	% of Total	54th Year	% of Total	55th Year	%of Total
1	74	19%	50	13%	59	19%
II	225	57%	293	74%	221	72%
III	94	24%	52	13%	26	9%
Total	393	100%	395	100%	306	100%

OCCUPATIONAL DISEASE

A total of 5 occupational disease cases were reported by employers under the Occupational Disease Act. Plan I reported 2 cases; Plan II reported 1 case; and Plan III reported 2 cases.

The disease reported was silicosis in 1 case, lead poisoning in 3 cases, and dermatitis for the remaining case.

WORK INJURY RATE

Montana's overall work injury rate, all nonagricultural industry combined, based on the number of disabling injuries per 1,000 workers, decreased by .8 from 34.0 per 1,000 workers, to 33.2 per 1,000 workers.

All major industry divisions, with the exception of the service industry, experienced a lower disabling injury rate during the 55th year. The service industry gained 1.7 disabling injuries per 1,000 work injuries reported.

Table 6

DISABLING WORK INJURIES PER 1,000 WORKERS

Industry Division	1968-69	1969-70	Change
All Industry	34.0	33.2	- .8
Mining	88.5	83.2	- 5.3
Construction	82.5	79.8	- 2.7
Manufacturing	88.7	88.3	- .4
Transportation, Communications and Utilities	22.3	21.6	- .7
Trade	26.9	26.2	- .7
Finance, Insurance and Real Estate	4.4	3.9	- .5
Service	14.5	16.2	+ 1.7
State and Local Government	13.5	13.2	- .3

WORK FATALITIES

The number of compensable fatalities increased from 45 in 1968-69 to 51 in 1969-70. Four industry divisions, trade, construction, manufacturing and transportation, communications and utilities, accounted for 76.5% of the fatalities experienced during the 55th year.

The work fatality rate for the 1969-70 period for all industries combined was 2.6 deaths per 10,000 employees compared to 2.3 deaths per 10,000 employees during the 1968-69 period. The 5-year average death rate per 10,000 employees, July 1, 1964 through June 30, 1970, is 2.6.

NATURE OF INJURY

With reference to the basic injury inflicted upon the worker in industry relative to frequency, we find that cuts, lacerations and punctures attained the dubious distinction of being first in frequency, accounting for 25.82% of the total. Strains, sprains and dislocations follow closely behind with 25.03% of the total. Bruises and contusions accounted for 14.78%, with the fracture category accounting for 7.27% of the total. These four categories, of the twelve considered, accounted for 72.9% of the total of reportable work injuries.

NATURE OF INJURY (continued)

Injuries to the upper extremities (arms, hands and fingers) were the most frequent, accounting for 7,703, or 34.3% of the total.

Injuries to the back and trunk were second in frequency, with 5,409 reportable injuries for 24.0% of the total.

The trend relative to nature of injury by body location remains relatively unchanged from the preceding year.

AGENCY

Working surfaces led all agencies as the agency responsible for the greatest number of work injuries reported, with 16.3% of the total chargeable work injuries.

Hand tools, as an agency, was the next in line, accounting for 3,593 or 15.98% of the total.

Trees, logs and lumber, as an identifiable agency, complete our infamous trio of high ranking agencies, with 7.83% of the total.

Taken collectively, the three most common agencies mentioned accounted for approximately 40% of all injuries reported.

ACCIDENT TYPE

The accident type classification identifies the event which directly resulted in the injury. The experience relative to accident type was very similar to last year. Struck by or striking against objects, machines or equipment was still the most common classification, with 8,628, or 38.4% of the total. Falls and slips were second, with 3,850, or 17.1% of the total. Strain or overexertion, as a causal factor, still retained third ranking with 3,806, or 16.9% of the total. The three classifications combined account for approximately 72.4% of the total number of reportable work injuries.

AGE AND SEX OF INJURED WORKERS

Women employees who suffer injuries are older, on the average, than men injured at work. The median age for injured women is 39.9 years compared with 34.7 years for men during the 55th year.

During the 55th year, 12.8% of all job injuries were sustained by women employees, a decrease of .1% from the 54th year.

STATISTICAL SUMMARY

Statistical tables covering the 55th year experience will be found on the following pages.

Table 7

FATALITIES* BY INDUSTRY

July 1, 1969 - June 30, 1970

INDUSTRY	PLAN I	PLAN II	PLAN III	TOTAL
AGRICULTURE & AGRICULTURAL SERVICE	0	0	1	1
General Forms			1	
MINERAL EXTRACTION	1	3	1	5
Copper Mining	1			
Gold & Silver Mining		1		
Oil & Gas Field Services		2	1	
CONTRACT CONSTRUCTION	0	4	6	10
Heavy Construction		3	2	
General Building Contractors		1		
Highway & Street Construction			4	
MANUFACTURING	4	7	3	14
Sawmills & Planing Mills		1		
Logging	2	5	2	
Copper Reduction	2			
Paper & Allied Products		1		
Concrete, Gypsum & Plaster Products			1	
TRANSPORTATION, COMMUNICATIONS & UTILITIES	3	3	2	8
Trucking, Local & Long Distance	1	2	2	
Electric Companies & Systems	2			
Public Warehousing		1		
TRADE	1	5	1	7
Petroleum Wholesaler	1	1		
Motor Vehicles & Automotive Equipment		1		
Groceries & Related Products		1		
Motor Vehicle Dealer		1		
Miscellaneous Wholesaler		1	1	
FINANCE, INSURANCE & REAL ESTATE	0	0	0	0
SERVICE	0	1	1	2
Outdoor Advertising		1		
Service to Dwellings & other Buildings			1	
GOVERNMENT	0	0	4	4
State				
Liquor Board			1	
Local				
Road, Street, Public Works			2	
Fire Protection			1	
TOTALS	9	23	19	51

*Deaths for which findings and awards have been issued by the Industrial Accident Board.

Table 8

CAUSE OF DEATH BY MAJOR INDUSTRY

July 1, 1969 - June 30, 1970

INDUSTRY	PLAN I	PLAN II	PLAN III	TOTAL
AGRICULTURE	0	0	1	1
Run over by hay-wagon			1	
MINERAL EXTRACTION	1	3	1	5
Struck by Fall of Ground	1			
Struck by Falling Tree		1		
Electrocution		1		
Struck by Moving Vehicle			1	
Auto & Auto Collision		1		
CONTRACT CONSTRUCTION	0	4	6	10
Burns		1		
Automobile Collision		1		
Struck by Falling Concrete Aggragate		1		
Struck by Flying Object		1	1	
Truck left roadway and overturned			1	
Equipment struck by train at Grade Crossing			1	
Electrocution			1	
Struck by moving vehicle			1	
Crushed beneath overturned Earth Loader			1	
MANUFACTURING	4	7	3	14
Truck left roadway			1	
Crushed by Tractor being unloaded	1			
Fall from Elevation	1			
Struck by falling tree	1	4		
Heart Attack	1			
Struck by fall of lumber		1		
Struck by log which had fallen from tongs		1		
Slip & Fall striking metal object		1		
Struck by Heel-Boom			1	
Pick-up, car collision			1	
TRANSPORTATION, COMMUNICATION & UTILITIES	3	3	2	8
Truck left roadway	1	1	1	
Plane crash	2			
Truck left roadway, driver electrocuted		1		
Slipped into exposed Grain-auger		1		
Truck rolled over driver while opening gate			1	
TRADE	1	5	1	7
Truck rolled over driver while opening gate	1			
Automobile left roadway		1		
Auto & Auto collision		1		
Truck left roadway		2	1	
Fall from Elevation		1		

(continued)

Table 8

CAUSE OF DEATH BY MAJOR INDUSTRY (continued)

INDUSTRY	PLAN I	PLAN II	PLAN III	TOTAL
FINANCE, INSURANCE & REAL ESTATE	0	0	0	0
SERVICE	0	1	1	2
Heart Attack		1		
Auto & Auto collision			1	
GOVERNMENT	0	0	4	4
State	0	0	1	
Heart Attack			1	
Local	0	0	3	
Heart Attack			2	
Lost Control of Tractor & Scraper			1	
TOTALS	9	23	19	51

Table 9

DISABLING AND NON-DISABLING INJURIES

July 1, 1959 through June 30, 1970

YEAR	TOTAL INJURIES	DISABLING	PER CENT OF TOTAL	NON-DISABLING	PER CENT OF TOTAL	UNDETER-MINED	PER CENT OF TOTAL
1959 - 1960	20,308	6,779	33.4	13,249	65.2	280	1.4
1960 - 1961	19,869	6,264	31.5	13,306	67.0	299	1.5
1961 - 1962	20,153	5,987	29.7	13,722	68.1	444	2.2
1962 - 1963	21,005	5,968	28.4	14,672	70.0	365	1.6
1963 - 1964	21,393	6,202	29.0	14,744	68.9	447	2.1
1964 - 1965	22,032	6,227	28.3	15,324	69.5	481	2.2
1965 - 1966	22,949	6.178	27.0	16,233	70.7	538	2.3
1966 - 1967	22,767	6,329	27.8	15,880	69.8	558	2.5
1967 - 1968	22,799	6,590	28.9	15,491	68.0	718	3.2
1968 - 1969	23,195	6,661	28.7	15,826	68.2	708	3.1
1969 - 1970	22,476	6,549	29.1	14,914	66.4	1,013	4.5

Table 10

DEATHS AND DEATH RATES
July 1, 1949 through June 30, 1970

YEAR	DEATHS	WORKERS* (thousands)	DEATHS PER 10,000 WORKERS
1949 - 1950	76	148	5.0
1950 - 1951	95	149	6.4
1951 - 1952	81	153	5.3
1952 - 1953	73	154	4.7
1953 - 1954	68	155	4.4
1954 - 1955	87	160	5.4
1955 - 1956	77	167	4.6
1956 - 1957	85	167	5.1
1957 - 1958	61	162	3.7
1958 - 1959	59	165	3.6
1959 - 1960	68	167	4.1
1960 - 1961	49	169	2.9
1961 - 1962	53	171	3.1
1962 - 1963	51	174	2.9
1963 - 1964	59	175	3.4
1964 - 1965	65	178	3.7
1965 - 1966	47	183	2.6
1966 - 1967	56	187	3.0
1967 - 1968	51	190	2.7
1968 - 1969	45	196	2.3
1969 - 1970	51	198	2.6

*Number of workers in non-agricultural industries in Montana.

Source: Monthly Review of Montana Labor Market, Montana State Employment Service, Division of Employment Security Commission.

Table 11

WORK INJURY EXPERIENCE IN MONTANA
July 15, 1915 through June 30, 1970

YEAR	TOTAL NO. OF ACCIDENTS	PLAN I	PLAN II	PLAN III	FATALS	NO. OF ACCIDENTS FOR EACH 1,000 WORKERS
1915 - 1916	6,802	4,391	2,236	175	136	
1916 - 1917	8,325	5,412	2,386	527	307	
1917 - 1918	5,820	3,668	1,483	669	123	
1918 - 1919	5,474	4,164	664	646	122	
1919 - 1920	4,914	3,164	741	1,009	94	38
1920 - 1921	3,858	1,939	854	1,065	83	
1921 - 1922	3,368	1,591	805	972	51	
1922 - 1923	5,129	2,875	1,024	1,230	81	
1923 - 1924	5,789	3,017	1,353	1,419	87	
1924 - 1925	5,816	3,280	1,257	1,279	79	
1925 - 1926	6,804	3,715	1,548	1,541	78	
1926 - 1927	6,879	3,611	1,725	1,543	93	
1927 - 1928	7,018	2,988	1,985	2,045	85	
1928 - 1929	8,364	3,359	2,383	2,622	89	
1929 - 1930	8,895	2,839	2,702	3,354	94	65
1930 - 1931	6,868	---- NOT AVAILABLE		----	55	
1931 - 1932	6,446	1,253	2,319	2,874	56	
1932 - 1933	5,482	489	1,715	3,278	31	
1933 - 1934	7,036	899	1,572	4,565	49	
1934 - 1935	10,630	838	2,454	7,338	65	
1935 - 1936	11,904	1,674	2,489	7,741	93	
1936 - 1937	12,685	2,262	2,035	8,388	103	
1937 - 1938	11,767	2,237	2,065	7,465	90	
1938 - 1939	10,176	1,282	2,131	6,763	63	
1939 - 1940	11,557	1,642	1,944	7,971	70	78
1940 - 1941	12,547	1,771	2,383	8,393	73	
1941 - 1942	13,258	2,348	2,492	8,418	108	
1942 - 1943	12,650	2,121	3,498	7,031	152	
1943 - 1944	11,127	1,820	3,158	6,149	97	
1944 - 1945	10,829	1,536	3,377	4,765	56	
1945 - 1946	10,196	1,139	3,266	5,791	44	
1946 - 1947	13,583	1,517	4,582	7,484	68	99
1947 - 1948	15,677	1,850	5,588	8,239	46	109
1948 - 1949	16,783	1,752	7,016	8,015	83	116
1949 - 1950	16,600	1,749	7,115	7,736	76	112
1950 - 1951	18,227	1,976	8,387	7,964	95	122
1951 - 1952	18,987	2,020	9,015	7,952	81	124
1952 - 1953	19,497	1,968	8,718	8,811	73	126
1953 - 1954	18,859	1,978	7,881	9,000	68	121
1954 - 1955	19,362	1,692	7,682	9,988	87	121
1955 - 1956	20,852	2,022	7,818	11,012	77	125
1956 - 1957	21,026	2,066	7,242	11,718	85	125
1957 - 1958	18,862	1,933	6,540	10,389	61	115
1958 - 1959	19,509	2,033	7,162	10,314	59	118
1959 - 1960	20,308	2,179	7,934	10,195	68	122
1960 - 1961	19,869	2,042	8,106	9,721	49	120

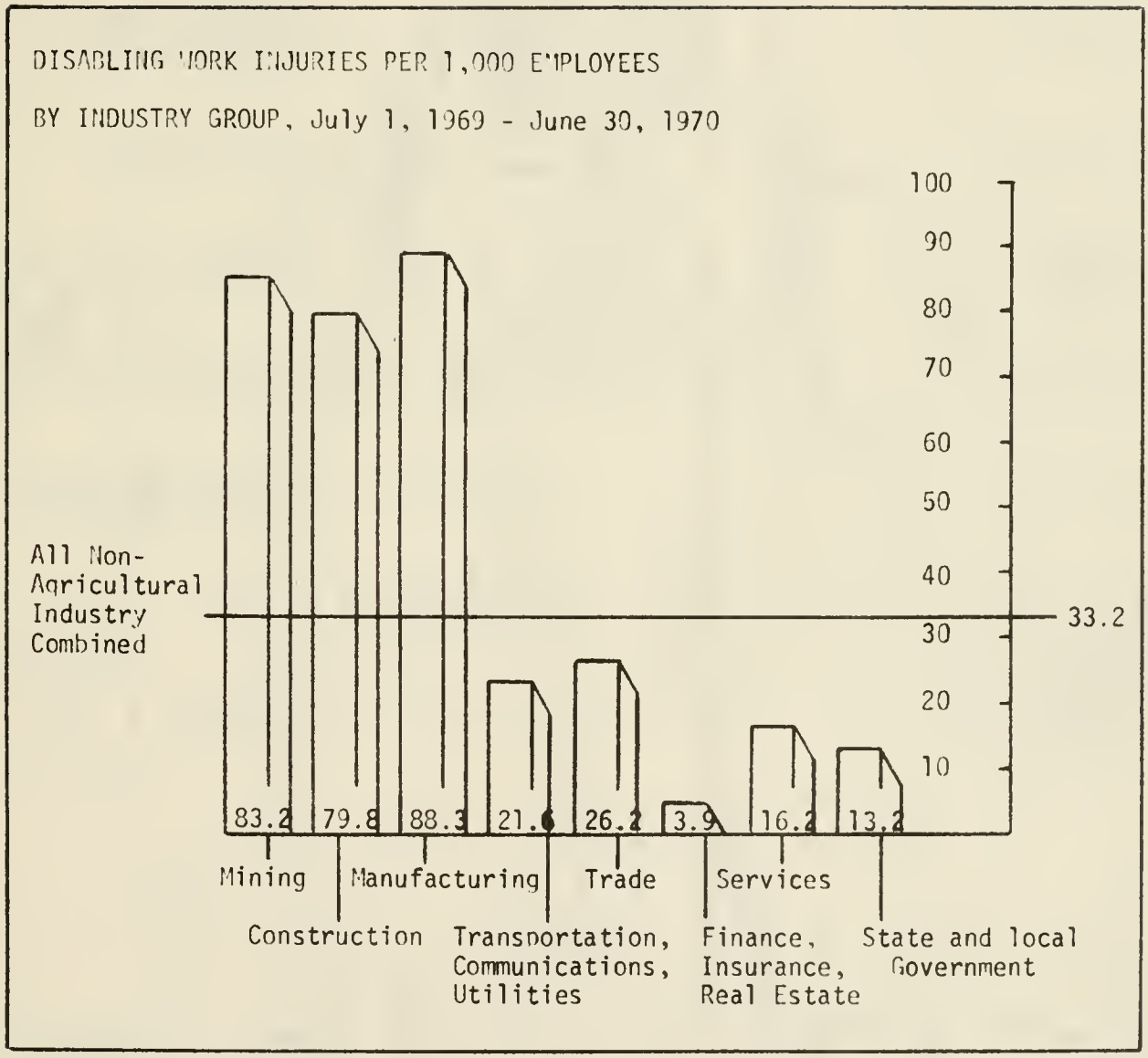
(continued)

Table 11

WORK INJURY EXPERIENCE IN MONTANA (Continued)

YEAR	TOTAL NO. OF ACCIDENTS	PLAN I	PLAN II	PLAN III	FATALS	NO. OF ACCIDENTS FOR EACH 1,000 WORKERS
1961 - 1962	20,153	2,430	9,113	8,610	53	117
1962 - 1963	21,005	2,117	10,460	8,460	51	120
1963 - 1964	21,393	2,306	10,246	8,841	59	122
1964 - 1965	22,032	2,797	10,205	9,030	65	125
1965 - 1966	22,949	3,148	10,293	9,508	47	125
1966 - 1967	22,767	3,075	10,549	9,143	56	122
1967 - 1968	22,799	2,957	10,839	9,003	51	120
1968 - 1969	23,195	3,192	10,643	9,360	45	118
1969 - 1970	22,476	3,107	10,151	9,218	51	114

Chart 1


DISABLING WORK INJURIES PER 1,000 EMPLOYEES
BY INDUSTRY GROUP, July 1, 1969 - June 30, 1970
100
90
80
70
60
50
40
30
20
10
All Non-Agricultural Industry Combined
33.2
83.2
79.8
88.3
21.6
26.2
3.9
16.2
13.2
Mining
Construction
Manufacturing
Transportation, Communications, Utilities
Trade
Finance, Insurance, Real Estate
Services
State and local Government

REPORTED WORK INJURIES
BY BODY LOCATION
ALL INDUSTRIES

July 1, 1969 - June 30, 1970

(Per Cent of Total) Chart 2

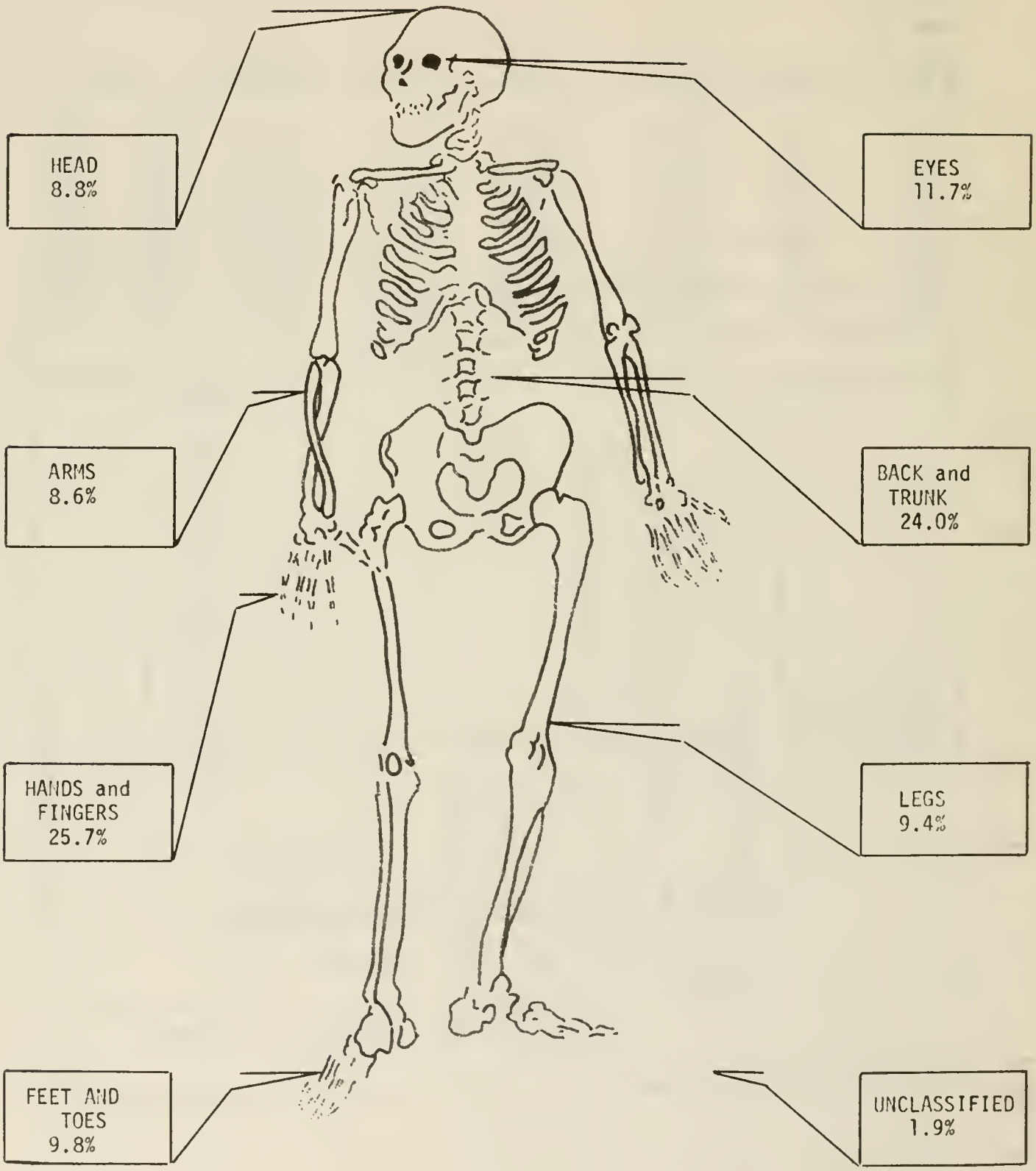


Table 12

ACCIDENT TYPE
BY MAJOR INDUSTRY

ALL INDUSTRIES
July 1, 1969 - June 30, 1970

ACCIDENT TYPE	PER CENT	TOTAL	AGRICULTURE AND AGRICULTURAL SERVICES	MINERAL EXTRACTION	CONTRACT CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS AND UTILITIES	TRADE	FINANCE, INSURANCE AND REAL ESTATE	SERVICE	GOVERNMENT	N.O.C.
STRUCK BY OR STRIKING AGAINST	38.4	8,628	258	420	1,158	2,799	369	1,965	36	728	890	5
CAUGHT IN ON OR BETWEEN	8.6	1,928	53	191	248	627	87	380	10	164	167	1
FALLS AND/OR SLIPS	17.1	3,850	171	184	544	1,010	230	687	32	359	633	-
INVOLVING MOVING MOTOR VEHICLES	3.1	698	28	44	113	141	105	111	9	26	121	-
STRAIN OR OVER-EXERTION	16.9	3,806	73	153	510	867	239	977	18	434	534	1
CONTACT WITH TEMPERATURE EXTREMES	3.0	668	6	39	91	172	26	195	3	89	47	-
INHALATION, ABSORPTION, SWALLOWING	1.9	422	9	20	40	145	18	89	-	42	58	1
CONTACT WITH ELECTRIC CURRENT	.3	61	1	4	16	10	9	6	2	6	7	-
EXPLOSION, FLASH-BACK,ETC.	.6	127	3	26	20	25	3	41	2	4	3	-
FOREIGN BODY IN EYE	.4	89	1	3	22	34	4	18	-	2	5	-
HEART ATTACK, HEART DISEASE, OR STRAIN	-	1	-	-	-	1	-	-	-	-	-	-
OTHER AND NOT STATED	9.8	2,198	50	79	465	652	97	440	6	147	254	8
TOTAL	100.0	22,476	653	1,163	3,227	6,483	1,187	4,909	118	2,001	2,719	16
PER CENT		100.0	2.9	5.2	14.4	28.8	5.3	21.8	.5	8.9	12.1	

Table 13

AGENCY BY MAJOR INDUSTRY

ALL INDUSTRIES

July 1, 1969-
June 30, 1970

AGENCY	PER CENT	TOTAL	AGRICULTURE & AGRICULTURAL SERVICES	MINERAL EXTRACTION	CONTRACT CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS & UTILITIES	TRADE	FINANCE, INSURANCE, REAL ESTATE	SERVICE	GOVERNMENT	N.O.C.
MACHINES	4.6	1,024	19	37	87	377	15	281	9	113	86	-
ELEVATORS	.1	29	-	5	1	2	-	6	-	14	1	-
HOISTING APPARATUS	2.0	459	4	222	62	81	26	40	-	12	12	-
CONVEYORS	.6	138	5	3	14	98	2	11	-	2	3	-
VEHICLES	7.4	1,668	57	82	196	321	205	437	15	106	249	-
HAND TOOLS	16.0	3,593	88	160	760	937	124	892	11	263	357	1
CHEMICALS, HOT OR INJURIOUS SUBSTANCES & DUSTS	6.2	1,384	18	74	217	459	51	310	2	130	122	1
WORKING SURFACES	16.3	3,665	89	187	502	907	231	709	33	342	665	-
LADDERS	1.2	268	7	10	74	57	21	42	1	30	26	-
CONTAINERS	4.1	927	26	23	50	191	53	376	5	86	117	-
TREES, LOGS, LUMBER	7.8	1,762	18	15	162	1,405	23	64	1	14	59	1
BOILERS, PRESSURE VESSELS	.4	95	1	15	17	9	4	30	2	13	4	-
PUMPS, PRIME-MOVERS	.4	87	3	15	19	12	5	23	-	4	6	-
MECHANICAL POWER TRANSMISSION APPARATUS	.5	113	4	15	14	49	6	12	-	2	10	1
ELECTRICAL APPARATUS	.6	131	1	6	23	30	19	25	2	15	9	1
FLYING PARTICLES, UNASSIGNED	7.3	1,640	24	67	374	484	70	394	6	97	124	-
ANIMALS	1.6	355	174	3	15	30	26	23	-	33	51	-
MOTION OR PRESSURE	5.0	1,129	22	20	151	265	82	307	2	122	158	-
ENVIRONMENTAL CONDITIONS	.1	29	3	7	3	3	2	4	1	2	4	-
MISCELLANEOUS AGENCIES	15.6	3,499	80	173	401	641	199	837	28	540	598	2
UNCLASSIFIED, INSUFFICIENT DATA	2.1	481	10	24	85	125	23	86	-	61	58	9
TOTAL	100.0	22,476	653	1,163	3,227	6,483	1,187	4,909	118	2,001	2,719	16
PER CENT		100.0	2.9	5.2	14.4	28.8	5.3	21.8	.5	8.9	12.1	

Table 14

NATURE OF INJURY
BY MAJOR INDUSTRY

ALL INDUSTRIES

July 1, 1969 - June 30, 1970

NATURE OF INJURY	PER CENT	TOTAL	AGRICULTURE & AGRICULTURAL SERVICES	MINERAL EXTRACTION	CONTRACT CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS & UTILITIES	TRADE	FINANCE, INSURANCE, REAL ESTATE	SERVICE	GOVERNMENT	N.O.C.
AMPUTATION, LOSS OF, LOSS OF USE OF	.5	120	6	14	22	48	-	23	1	2	4	-
BURNS OR SCALDS	4.3	965	11	68	134	266	40	253	6	113	74	-
CUTS, LACERATIONS, PUNCTURES, ETC.	25.8	5,804	153	205	762	1,744	267	1,490	21	523	636	3
STRAINS, SPRAINS, DISLOCATIONS	25.0	5,626	160	242	810	1,383	385	1,286	33	519	807	1
CRUSHING INJURIES	1.7	385	13	42	44	133	23	64	2	27	37	-
FRACTURES	7.3	1,635	92	145	241	470	107	275	11	111	183	-
HERNIA	.9	207	2	13	28	40	10	56	-	27	31	-
INDUSTRIAL DISEASE	.4	97	7	6	12	38	2	16	-	7	9	-
BRUISES & CONTUSIONS	14.8	3,324	94	200	470	1,157	160	572	23	261	387	-
HEART DISEASE, STRAIN, STROKE, CEREBRAL HEMORRHAGE, ETC.	-	2	-	-	-	1	-	-	-	-	1	-
FOREIGN BODY IN EYE	.7	154	-	5	44	49	3	39	-	8	6	-
OTHER	10.5	2,354	58	103	468	703	98	516	9	170	227	2
NOT STATED	8.0	1,803	57	120	192	451	92	319	12	233	317	10
TOTAL	100.0	22,476	653	1,163	3,227	6,483	1,187	4,909	118	2,001	2,719	16
PER CENT		100.0	2.9	2.9	14.4	28.8	5.3	21.8	.5	8.9	12.1	

Table 15

BODY LOCATION
BY MAJOR INDUSTRY -
ALL INDUSTRIES

July 1, 1969
June 30, 1970

	PER CENT	TOTAL	AGRICULTURE & AGRICULTURAL SERVICES	MINERAL EXTRACTION	CONTRACT CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS & UTILITIES	TRADE	FINANCE, INSURANCE & REAL ESTATE	SERVICE	GOVERNMENT	N.O.C.
EYES	11.7	2,630	41	99	584	854	113	559	9	160	209	2
HEAD, FACE & NECK	8.8	1,987	56	138	300	567	133	396	9	145	243	-
BACK & SPINE	17.1	3,847	110	161	482	922	268	949	21	382	552	-
TRUNK	6.9	1,562	55	108	214	441	84	294	4	129	232	1
ARMS	8.6	1,937	59	71	275	627	83	359	11	173	278	1
HANDS & WRISTS	9.7	2,177	67	128	275	635	95	531	13	213	220	-
FINGERS	16.0	3,589	74	186	417	990	121	993	15	408	382	3
LEGS	9.4	2,116	105	106	271	750	112	320	20	166	266	-
FEET & ANKLES	7.9	1,768	66	111	289	477	102	331	12	155	224	1
TOES	1.9	426	8	22	53	140	33	108	-	24	38	-
BODY N.O.C. OR NOT STATED	1.9	437	12	33	67	80	43	69	4	46	75	8
TOTAL	100.0	22,476	653	1,163	3,227	6,483	1,187	4,909	118	2,001	2,719	16
PER CENT		100.0	2.9	5.2	14.4	28.8	5.3	21.8	.5	8.9	12.1	

Table 16

NATURE OF INJURY BY BODY LOCATION

ALL INDUSTRIES

July 1, 1969 - June 30, 1970

	PER CENT	TOTAL	EYES	HEAD, FACE & NECK	BACK & SPINE	TRUNK	ARMS	HANDS & WRISTS	FINGERS	LEGS	FEET & ANKLES	TOES	BODY N.O.C. OR NOT STATED
AMPUTATION, LOSS OF, LOSS OF USE OF	.5	120	1	20	1	1	2	4	82	4	2	3	-
BURNS AND SCALDS	4.3	965	284	138	7	33	130	176	67	57	45	-	28
CUTS, LACERATIONS, PUNCTURES, ETC.	25.8	5,804	289	773	15	79	417	1,050	2,237	556	318	42	28
STRAINS, SPRAINS, DISLOCATIONS	25.0	5,626	1	308	3,040	272	531	267	148	426	616	6	11
CRUSHING INJURIES	1.7	385	-	8	-	5	8	32	255	10	21	36	10
FRACTURES	7.3	1,635	-	196	71	251	127	148	298	115	208	197	24
HERNIA	.9	207	1	1	1	185	1	-	-	1	-	-	17
INDUSTRIAL DESEASE	.4	97	5	11	1	5	12	32	1	4	2	1	23
BRUISES & CONTUSIONS	14.8	3,324	76	219	182	402	443	329	394	654	427	128	70
HEART DESEASE, STRAIN, STROKE, CEREBRAL HEMORRHAGE, ETC.	-	2	-	-	-	2	-	-	-	-	-	-	-
FOREIGN BODY IN EYE	.7	154	154	-	-	-	-	-	-	-	-	-	-
OTHER	10.5	2,354	1,739	144	35	154	51	32	21	100	20	2	56
NOT STATED	8.0	1,803	80	169	494	173	215	107	86	189	109	11	170
TOTAL	100.0	22,476	2,630	1,987	3,847	1,562	1,937	2,177	3,589	2,116	1,768	426	437
PER CENT		100.0	11.7	8.8	17.1	6.9	8.6	9.7	16.0	9.4	7.9	1.9	1.9

Table 17

AGENCY BY
ACCIDENT TYPE

All Industries
July 1, 1969 - June 30, 1970

AGENCY	PER CENT	TOTAL	STRUCK BY OR STRIKING AGAINST	CAUGHT IN, ON OR BETWEEN	SLIPS AND FALLS	ACCIDENTS INVOLVING MOVING VEHICLES	STRAIN OR OVER-EXERTION	CONTACT WITH TEMPERATURE EXTREMES	INHALATION, ABSORP-TION OR SWALLOWING	CONTACT WITH ELECTRIC CURRENT	EXPLOSION, FLASH-BACK, ETC.	FOREIGN BODY IN EYE	OTHER, NOT STATED OR CLASSIFIED
MACHINES	4.6	1,024	494	407	6	-	85	27	-	1	1	-	3
ELEVATORS	.1	29	9	13	6	-	1	-	-	-	-	-	-
HOISTING APPARATUS	2.0	459	243	169	5	-	39	-	-	2	-	-	1
CONVEYORS	.6	138	41	84	9	-	3	-	-	-	-	-	1
VEHICLES	7.4	1,668	516	240	46	696	148	5	-	1	1	-	15
HAND TOOLS	16.0	3,593	2,932	220	13	-	386	21	-	3	2	3	13
CHEMICALS, HOT OR INJURIOUS SUBSTANCES	6.2	1,384	52	-	-	1	25	563	413	2	46	22	260
WORKING SURFACES	16.3	3,665	54	8	3,240	-	357	-	-	-	-	-	6
LADDERS	1.2	268	21	8	228	-	10	-	-	-	-	-	1
CONTAINERS	4.1	927	357	71	12	-	470	5	-	-	11	-	1
TREES, LOGS, LUMBER	7.8	1,762	1,319	144	89	-	206	-	-	-	-	-	4
BOILERS, PRESSURE VESSELS	.4	95	42	12	-	-	26	1	-	-	14	-	-
PUMPS, PRIME-MOVERS	.4	87	31	39	1	-	16	-	-	-	-	-	-
MECHANICAL POWER TRANSMISSION APPARATUS	.5	113	25	83	1	-	3	1	-	-	-	-	-
ELECTRICAL APPARATUS	.6	131	33	9	1	-	18	6	-	51	11	-	2
FLYING PARTICALS, UNASSIGNED	7.3	1,640	153	-	-	-	-	-	1	-	-	64	1,422
ANIMALS	1.6	355	129	8	93	-	8	-	-	-	-	-	117
MOTION OR PRESSURE	5.0	1,129	4	-	20	-	1,098	-	-	-	-	-	7
ENVIRONMENTAL CONDITIONS	.1	29	-	-	-	-	1	14	-	-	1	-	13
MISCELLANEOUS AGENCIES	15.6	3,499	2,087	410	20	-	832	25	-	1	38	-	86
UNCLASSIFIED, INSUFFICIENT DATA	2.1	481	86	3	60	1	74	-	8	-	2	-	247
TOTAL	100.0	22,476	8,628	1,928	3,850	698	3,806	668	422	61	127	89	2,199
PER CENT		100.0	38.4	8.6	17.1	3.1	16.9	3.0	1.9	.3	.6	.4	9.8

Table 18

SEX AND MARITAL STATUS
BY AGE GROUP
ALL INDUSTRIES

July 1, 1969 - June 30, 1970

Age Group	Male				Female				Total Both Sexes	Per Cent of Grand Total
	Total	Single	Married	Status Unknown	Total	Single	Married	Status Unknown		
Under 14	14	8	5	3	1	1	-	-	15	.1
14-15	37	37	-	-	9	9	-	-	46	.2
16-17	345	327	11	7	76	69	3	4	421	1.9
18-19	992	819	126	47	198	162	28	8	1,190	5.3
20-24	2,888	1,254	1,521	113	388	198	177	13	3,276	14.5
25-29	2,858	462	2,305	91	226	62	159	5	3,084	13.7
30-34	2,215	243	1,909	63	230	46	175	9	2,445	10.9
35-39	2,014	173	1,784	57	219	44	168	7	2,233	10.0
40-44	1,822	186	1,585	51	284	47	224	13	2,106	9.4
45-49	1,585	146	1,383	56	301	55	235	11	1,886	8.4
50-54	1,439	159	1,239	41	303	69	222	12	1,742	7.8
55-59	1,200	154	1,005	41	245	80	157	8	1,445	6.4
60-64	721	100	602	19	144	54	80	10	865	3.8
65-69	189	30	152	7	45	27	13	5	234	1.0
70-74	49	8	38	3	13	8	3	2	62	.3
75 & over	15	5	9	1	6	4	1	1	21	.1
Age not reported	1,219	253	751	215	186	45	106	35	1,405	6.3
TOTAL	19,602	4,364	14,423	815	2,874	980	1,751	143	22,476	100.0
Per Cent of Total	87.2	22.3	73.6	4.2	12.8	34.1	60.9	5.0	100.0	

Median Age of Workers Injured: (Both Sexes) 35.1
Median Age of Male Workers Injured: 34.7
Median Age of Female Workers Injured: 39.9

Table 19

AGE AND INDUSTRY DIVISION
ALL WORK INJURIES

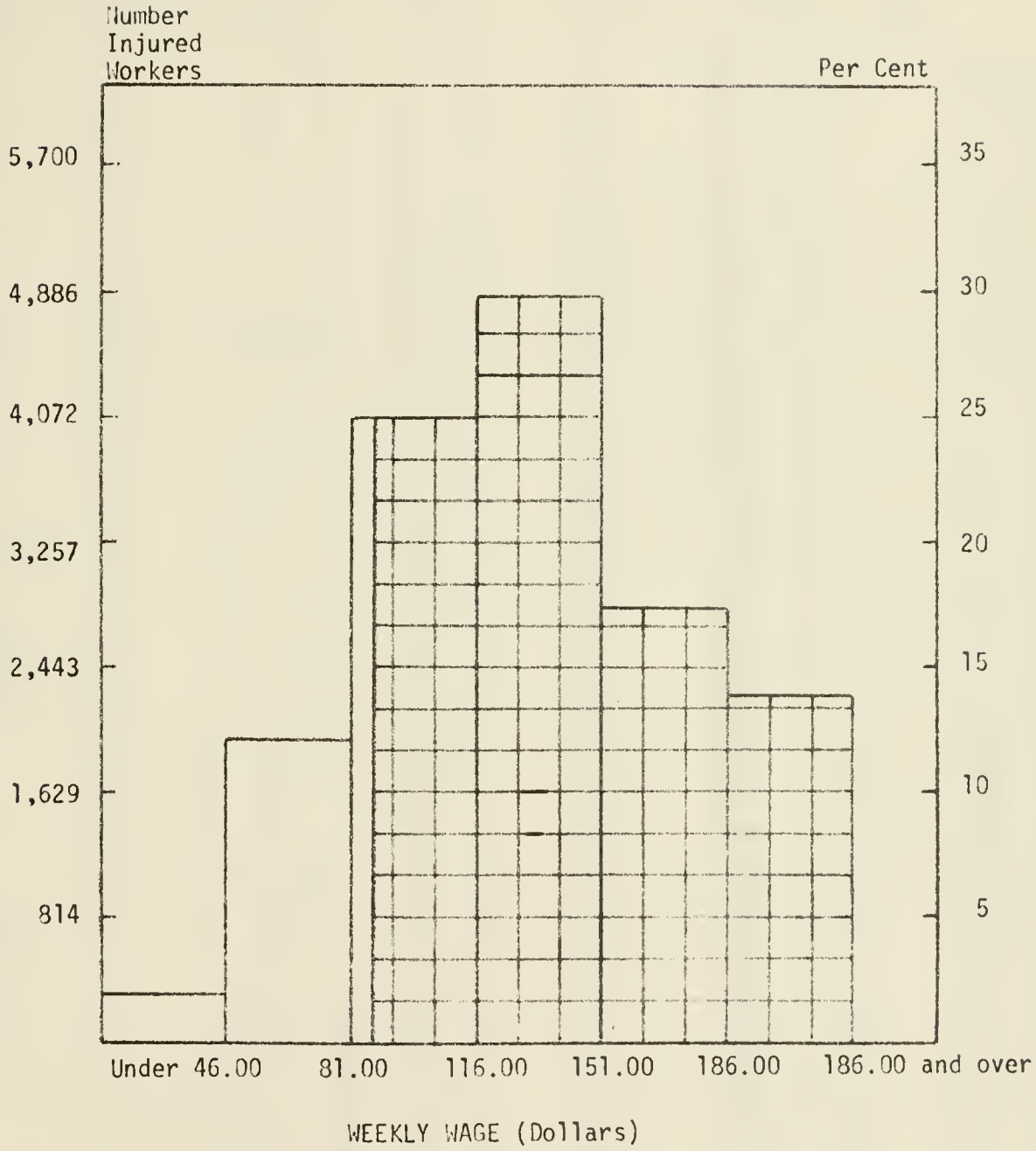
July 1, 1969 - June 30, 1970

AGE	TOTAL	AGRICULTURE & AGRICULTURAL SERVICES	MINERAL EXTRACTION	CONTRACT CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATION & UTILITIES	TRADE	FINANCE, INSURANCE & REAL ESTATE	SERVICE	GOVERNMENT	N.O.C.
Under 14	13	4	-	1	2	-	2	-	4	-	-
14-15	46	8	-	3	3	1	16	-	4	11	-
16-17	421	26	4	23	36	6	213	3	65	45	-
18-19	1,189	34	64	126	341	22	284	4	184	129	1
20-24	3,275	76	203	408	1,125	102	789	11	293	268	-
25-29	3,082	89	190	438	999	174	720	9	200	262	1
30-34	2,449	54	115	363	808	177	534	16	166	214	2
35-39	2,231	57	136	331	685	171	477	6	153	213	2
40-44	2,105	52	104	317	599	151	448	8	166	257	3
45-49	1,886	48	86	311	470	124	381	14	150	301	1
50-54	1,742	49	93	248	420	99	329	10	163	331	-
55-59	1,443	61	58	202	295	71	293	11	135	316	1
60-64	865	36	25	102	203	32	147	7	109	203	1
65-69	232	16	2	27	28	13	47	4	38	57	-
70-74	61	5	1	5	9	3	9	4	12	13	-
75 & over	21	2	1	-	1	-	5	1	4	7	-
Age not given	1,415	36	81	322	459	41	215	10	155	92	4
TOTAL	22,476	653	1,163	3,227	6,483	1,187	4,909	118	2,001	2,719	16
Median Age (years)	35.1	36.6	33.5	36.4	33.1	37.7	33.0	45.7	35.2	45,1	

Chart 3

DISTRIBUTION OF WEEKLY WAGES
OF INJURED WORKERS

7-1-69 - 6-30-70



The shaded section of the chart represents earnings above that required to enable the injured workmen to qualify for the maximum weekly benefit of $60.00. 80.0% of all injured workers had earnings above that required to qualify for the maximum weekly benefit.

Table 20

DISTRIBUTION OF WEEKLY WAGES
OF 16,286 INJURED WORKERS*

July 1, 1969 - June 30, 1970

WEEKLY WAGE	TOTAL		MEN		WOMEN	
	Number	Percent	Number	Percent	Number	Percent
Total	16,286	100.0	14,304	100.0	1,982	100.0
$ 30 or less	114	.7	75	.5	39	2.0
31 - 35	85	.5	47	.3	38	2.0
36 - 40	69	.4	39	.3	30	1.5
41 - 45	86	.5	47	.3	39	2.0
46 - 50	148	.9	82	.6	66	3.3
51 - 55	123	.8	52	.4	71	3.6
56 - 60	261	1.6	124	.9	137	6.9
61 - 65	266	1.6	100	.7	166	8.4
66 - 70	324	2.0	166	1.2	158	8.0
71 - 75	430	2.6	197	1.4	238	11.8
76 - 80	424	2.6	244	1.7	180	9.1
81 - 85	392	2.4	273	1.9	119	6.0
86 - 90	528	3.2	373	2.6	155	7.8
91 - 95	570	3.5	487	3.4	83	4.2
96 - 100	635	3.9	567	4.0	68	3.4
101 - 105	475	2.9	423	3.0	52	2.6
106 - 110	611	3.8	569	4.0	42	2.1
111 - 115	860	5.3	822	5.7	38	1.9
116 - 120	788	4.8	760	5.3	28	1.4
121 - 125	788	4.8	748	5.2	40	2.0
126 - 130	699	4.3	671	4.7	28	1.4
131 - 135	560	3.4	532	3.7	28	1.4
136 - 140	805	4.9	782	5.5	23	1.2
141 - 145	548	3.4	527	3.7	21	1.1
146 - 150	637	3.9	621	4.3	16	.8
151 - 155	437	2.7	427	3.0	10	.5
156 - 160	710	4.4	697	4.9	13	.7
161 - 165	486	3.0	480	3.4	6	.3
166 - 170	346	2.1	338	2.4	8	.4
171 - 175	329	2.0	321	2.2	8	.4
176 - 180	240	1.5	233	1.6	7	.4
181 - 185	242	1.5	236	1.6	6	.3
186 - 190	264	1.6	262	1.8	2	.1
191 - 195	183	1.1	178	1.2	5	.3
196 - 200	271	1.7	269	1.9	2	.1
201 - 205	160	1.0	159	1.1	1	.1
206 - 210	247	1.5	243	1.7	4	.2
211 - 215	171	1.0	171	1.2	-	-
216 & Over	974	6.0	962	6.7	12	.6
Arithmetic Mean	$130.08		$136.71		$82.23	
Median	$127.19		$133.69		$76.25	

*Based upon employers' reports of work injuries received by the Board. Includes all injuries reported where employees worked 30 or more hours per week, including overtime.

Table 21
WORK INJURIES AS
REPORTED BY COUNTY

ALL INDUSTRIES
July 1, 1969 -
June 30, 1970

County	Per Cent	Total	No Lost Time	Per Cent	Lost Time	Per Cent	N.O.C.	Per Cent
Beaverhead	1.3	300	195	65.0	87	29.0	18	6.0
Big Horn	1.2	278	180	64.7	89	32.0	9	3.2
Blaine	.5	120	74	61.7	37	30.8	9	7.5
Broadwater	.3	73	44	60.3	24	32.9	5	6.8
Carbon	.7	148	98	66.2	44	29.7	6	4.1
Carter	.1	27	11	40.7	16	59.3	-	-
Cascade	9.9	2,216	1,473	66.5	616	27.8	127	5.7
Chouteau	.6	125	78	62.4	35	28.0	12	9.6
Custer	1.7	373	252	67.6	111	29.8	10	2.7
Daniels	.2	40	26	65.0	11	27.5	3	7.5
Dawson	1.4	320	233	72.8	75	23.4	12	3.8
Deer Lodge	1.5	343	139	40.5	167	48.7	37	10.8
Fallon	.7	152	95	62.5	49	32.2	8	5.3
Fergus	1.0	227	154	67.8	66	29.1	7	3.1
Flathead	6.4	1,441	1,029	71.4	363	25.2	49	3.4
Gallatin	4.2	937	625	66.7	276	29.5	36	3.8
Garfield	.1	27	13	48.1	12	44.4	2	7.4
Glacier	1.6	368	278	75.5	82	22.3	8	2.2
Golden Valley	-	9	2	22.2	5	55.6	2	22.2
Granite	.9	208	121	58.2	79	38.0	8	3.8
Hill	1.7	373	244	65.4	108	29.0	21	5.6
Jefferson	1.7	380	245	64.5	83	21.8	52	13.7
Judith Basin	.2	47	26	55.3	19	40.4	2	4.3
Lake	1.3	291	216	74.2	61	21.0	14	4.8
Lewis and Clark	4.8	1,085	723	66.6	289	26.6	73	6.7
Liberty	.2	38	31	81.6	5	13.2	2	5.3
Lincoln	7.6	1,706	1,253	73.4	418	24.5	35	2.1
Madison	.5	110	59	53.6	46	41.8	5	4.5
McCone	.2	45	21	46.7	22	48.9	2	4.4
Meagher	.4	97	66	68.0	24	24.7	7	7.2
Mineral	.6	127	65	51.2	58	45.7	4	3.1
Missoula	10.2	2,293	1,608	70.1	604	26.3	81	3.5
Musselshell	.4	92	54	58.7	32	34.8	6	6.5
Park	1.6	358	245	68.4	98	27.4	15	4.2
Petroleum	-	11	7	63.6	3	27.3	1	9.1
Phillips	.3	76	51	67.1	22	28.9	3	3.9
Pondera	.6	130	84	64.6	40	30.8	6	4.6
Powder River	.4	84	46	54.8	34	40.5	4	4.8
Powell	1.0	232	148	63.8	69	29.7	15	6.5
Prairie	.2	52	40	76.9	8	15.4	4	7.7
Ravalli	1.5	335	198	59.1	132	39.4	5	1.5
Richland	1.6	361	219	60.7	129	35.7	13	3.6
Roosevelt	.9	192	116	60.4	69	35.9	7	3.6
Rosebud	1.0	214	141	65.9	71	33.2	2	.9
Sanders	1.9	438	271	61.9	150	34.2	17	3.9
Sheridan	.3	77	49	63.6	24	31.2	4	5.2
Silver Bow	4.1	916	506	55.2	365	39.8	45	4.9

(continued)

Table 21
WORK INJURIES AS
REPORTED BY COUNTY (continued)

ALL INDUSTRIES
July 1, 1969 -
June 30, 1970

County	Per Cent	Total	No Lost Time	Per Cent	Lost Time	Per Cent	N.O.C.	Per Cent
Stillwater	.8	169	116	68.6	49	29.0	4	2.4
Sweet Grass	.2	52	34	65.4	15	28.8	3	5.8
Teton	.6	125	88	70.4	31	24.8	6	4.8
Toole	.7	150	92	61.3	48	32.0	10	6.7
Treasure	.1	20	11	55.0	8	40.0	1	5.0
Valley	1.3	281	204	72.6	66	23.5	11	3.9
Wheatland	.3	69	49	71.0	15	21.7	5	7.2
Wibaux	.2	36	21	58.3	14	38.9	1	2.8
Yellowstone	13.1	2,954	2,055	69.6	821	27.8	78	2.6
Out of State	.9	204	109	53.4	91	44.6	4	2.0
None Given	2.3	524	283	54.0	164	31.7	77	14.3
TOTALS	100.0	22,476	14,914	66.4	6,549	29.1	1,013	4.5

DEPARTMENT OF SAFETY
ANNUAL REPORT
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RESPONSIBILITIES

The department is responsible for the administration of the Industrial Safety Programs as provided for in Title 41, Chapter 17, Montana Safety Act; Title 50, Chapter 1, Regulation of Quartz Mining Industry; Title 50, Chapters 4 and 5, Regulation of Coal Mining Industry; Title 50, Chapter 9, Consolidation of Boiler and Mine Inspectors; Title 69, Chapter 15, Boiler Inspection - Engineer's License.

FUNCTIONS

The department performs eight major functions: inspection, investigation, enforcement, training, education, code preparation, licensing and administration.

ORGANIZATION

The department employs seventeen full-time personnel. These include: a safety director, a safety supervisor, a logging inspector, two construction inspectors, a petroleum inspector, two general inspectors, two boiler inspectors, a coal mine inspector, two metal mine inspectors, a code and training specialist, a report codifier and two administrative personnel.

ACTIVITIES

To meet the increased demands of Montana industry in the area of industrial safety, the department intensified their efforts as represented by the following activities:

Conducted 4,425 Safety Inspections of employers to evaluate existing industrial safety requirements. This figure includes 2,967 boiler inspections.

Issued 40 work orders to alleviate unsafe working conditions and/or safety code violations.

Investigated 187 fatal and non-fatal injuries which were considered to be major in severity.

Boiler licenses were renewed for 2,792 operators and 439 examinations were held for new applicants.

Conducted 27 first aid courses with an attendance of 383.

Conducted 279 safety meetings with an attendance of 5,027.

Presented 229 safety films with an attendance of 4,960.

Conducted 15 industrial safety courses with an attendance of 308.

A power line construction safety code is being prepared and is scheduled for hearing in November, 1970.

Preliminary figures have indicated that the disabling injury rate, all industries, decreased by 3.5% for the period July 1, 1969 through June 30, 1970.

TABLES

Table Number 1 reflects insofar as possible the definable work activities of the department.

There were increases in work units in most activities compared with the preceding year, except for state boiler inspections. The reasons for this decrease were: one boiler inspector terminated, additional requirements of review and administration of insurance company inspections, and upgrading the testing procedures for engineers' licenses.

TABLE 1

SAFETY ACTIVITIES	Wood Products	Metal Mines	Coal Mining	Con-struction	Petro-leum	Agri-culture	General	Misc.	Sub-Totals	BOILER State	BOILER Insur-ance	TOTALS
Inspections	104	114	27	455	72	26	660		1458	428	2539	4425
Investi-gations	54	24	1	43	10	20	34		186	1		187
Work Orders		9	8	11	8		4		40			40
Red Tags				4	3		7		14	2		16
Safety Surveys		28	2	7	5		12		54			54
Special Reports	17	9		51	3	2	22		104	12		116
Special Activities	203	316	119	554	165	19	1028	70	2464	292		2756
Safety Meetings	5 / 105	5 / 103	3 / 43	50 / 415	3 / 35		45 / 1499		111 / 3200	16 / 143		127 / 3343
Pre-Const. Meetings	2 / 17			150 / 1667					152 / 1684			152 / 1684
Industrial Courses	2 / 32	1 / 14		7 / 98	2 / 41		3 / 123		15 / 308			15 / 308
First Aid Courses	2 / 28	1 / 13	1 / 18	5 / 65	2 / 45		16 / 194		27 / 383			27 / 383
Closure Orders			1				1		2			2
Extensions							1		1			1
Variances				1					1			1

* Legend: No. of meetings 0 / 00 No. in Attendance

TABLE 2

BOILER LICENSES

July 1969 - June 1970

Class	Number Renewals	Number Originals	Total by Class
1st	498	43	541
2nd	192	30	222
3rd	980	139	1119
L.P.	921	207	1128
1st A & E	110	18	128
2nd A & E	40	1	41
Traction	41	1	42
TOTALS	2782	439	3221